

Name _____

Probability

Date _____

Block _____

1. A single die is rolled. Find the probability of getting:

- a. A five b. an odd number c. a number less than 5
d. a four or a six e. a four and a six f. not a 2

2. Two coins are tossed.

- a. List the sample space

Find the probability of getting:

- b. 1 head c. two tails d. no tails e. at least 1 head

3. Three coins are tossed.

- a. List the sample space.

Find the probability of getting: b. 1 head

c. two tails

c. No tails

d. at least 1 head

f. all tails

4. A card is drawn from a standard 52 card deck. Find the probability of getting:

- a. A five b. A queen c. A black card d. A face card

e, a three or a four g. a red card and a king

h. a red card or a king i. not a heart

j. a club or a seven k. a three and a five

5. A pair of dice are rolled, find the probability of getting:

a. A sum of seven b. a sum of eight
b.

c. a sum of 12 d. a sum of ten

e. a sum of 13 f. the sum is not 11

6. If the probability that it will rain tomorrow is 0.7. What is the probability that it will not rain tomorrow?

7. You select one number at random from the following: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10.

Find the probability of getting:

a. an even number b. a multiple of 3 c. a number greater than 6

d. 4 e. 15 f. a number less than 11

8. You spin a circular spinner containing the numbers 1, 2, 3, and 4. The probability of the pointer landing on 1 is $\frac{1}{2}$. The probability of the pointer landing on 2 is $\frac{1}{4}$. The probability of landing on 3 or 4 is $\frac{1}{8}$ each. Draw the spinner.